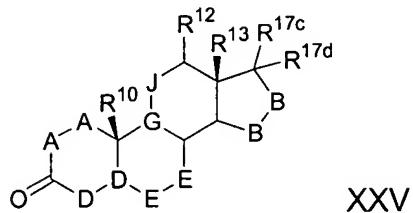


IN THE CLAIMS:

1 – 14. (canceled)

15. (new) A compound corresponding to Formula XXV

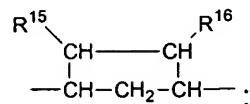


wherein  $R^{10}$ ,  $R^{12}$  and  $R^{13}$  are independently selected from the group consisting of hydrogen, halo, hydroxy, lower alkyl, lower alkoxy, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, cyano, and aryloxy;

-A-A- represents the group  $-CHR^1-CHR^2-$  or  $-CR^1=CR^2-$ ;

where  $R^1$  and  $R^2$  are independently selected from the group consisting of hydrogen, halo, hydroxy, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, cyano, and aryloxy, or  $R^1$  and  $R^2$  together with the carbons of the steroid nucleus to which they are attached form a (saturated) cycloalkylene group;

-B-B- represents the group  $-CHR^{15}-CHR^{16}-$ ,  $-CR^{15}=CR^{16}-$ , or an  $\alpha$ - or  $\beta$ -oriented group:



where  $R^{15}$  and  $R^{16}$  are independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, and aryloxy, or  $R^{15}$  and  $R^{16}$ , together with the C-15 and C-16 carbons of the steroid nucleus to which they are respectively attached, form a cycloalkylene group;

-D-D- represents the group  $-CR^4=C$  or  $CHR^4-CR^5-$ ;

where  $R^4$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy or  $R^4$  and  $R^5$  together with the carbons of the steroid backbone to which they are attached form a cycloalkyl group;

-G-J- represents the group  $\text{>} \text{C}=\text{CR}^{11}\text{-}$ ;

where  $R^{11}$  is selected from the group consisting of hydrogen, hydroxy, protected hydroxy, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

-E-E- represents the group  $-\text{CR}^6=\text{CR}^7-$ ;

where  $R^6$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

$R^7$  is selected from the group consisting of hydrogen, halo, alkyl, cycloalkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, aryloxy, acetylthio, furyl and substituted furyl;

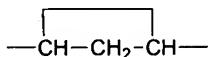
$R^{17c}$  is selected from the group consisting of hydroxy and protected hydroxy; and

$R^{17d}$  is alkenyl.

16. (new) The compound as set forth in claim 15 wherein  $R^{10}$  is methyl,  $R^{11}$  is hydrogen and  $R^{13}$  is methyl.

17. (new) The compound as set forth in claim 16 wherein -A-A- represents the group  $-\text{CH}_2\text{-CH}_2-$  or  $-\text{CH}=\text{CH}-$ .

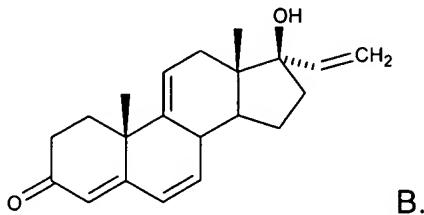
18. (new) The compound as set forth in claim 17 wherein -B-B- represents the group  $-\text{CH}_2\text{-CH}_2-$  or an  $\alpha$ - or  $\beta$ -oriented group:



19. (new) The compound as set forth in claim 18 wherein -E-E- is  $-\text{CH}=\text{CH}-$ .

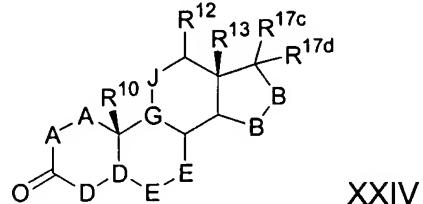
20. (new) The compound as set forth in claim 19 wherein R<sup>11</sup> is hydrogen.

21. (new). The compound as set forth in claim 15 having the structure of  
Formula B



B.

22. (new) A compound corresponding to Formula XXIV



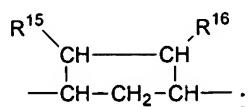
XXIV

wherein R<sup>10</sup>, R<sup>12</sup>, and R<sup>13</sup> are independently selected from the group consisting of hydrogen, halo, hydroxy, lower alkyl, lower alkoxy, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, cyano; and aryloxy;

-A-A- represents the group -CHR<sup>1</sup>-CHR<sup>2</sup>- or -CR<sup>1</sup>=CR<sup>2</sup>-;

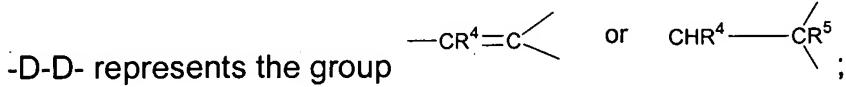
where R<sup>1</sup> and R<sup>2</sup> are independently selected from the group consisting of hydrogen, halo, hydroxy, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxy carbonyl, cyano, and aryloxy, or R<sup>1</sup> and R<sup>2</sup> together with the carbons of the steroid nucleus to which they are attached form a (saturated) cycloalkylene group;

-B-B- represents the group -CHR<sup>15</sup>-CHR<sup>16</sup>-, -CR<sup>15</sup>=CR<sup>16</sup>- or an  $\alpha$ - or  $\beta$ -oriented group:

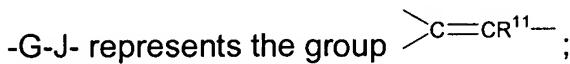


where R<sup>15</sup> and R<sup>16</sup> are independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxy carbonyl, acyloxyalkyl, cyano, and aryloxy,

or R<sup>15</sup> and R<sup>16</sup>, together with the C-15 and C-16 carbons of the steroid nucleus to which they are respectively attached, form a (saturated) cycloalkylene group;



where R<sup>4</sup> is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy or R<sup>4</sup> and R<sup>5</sup> together with the carbons of the steroid backbone to which they are attached form a cycloalkyl group;



where R<sup>11</sup> is selected from the group consisting of hydrogen, hydroxy, protected hydroxy, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and



where R<sup>6</sup> is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

R<sup>7</sup> is selected from the group consisting of hydrogen, halo, alkyl, cycloalkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, aryloxy, acetylthio, furyl and substituted furyl;

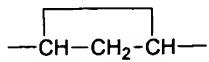
R<sup>17a</sup> is selected from the group consisting of hydroxy and protected hydroxy; and

R<sup>17b</sup> is alkynyl.

23. (new) The compound as set forth in claim 22 wherein R<sup>10</sup> is methyl, R<sup>11</sup> is hydrogen and R<sup>13</sup> is methyl.

24. (new) The compound as set forth in claim 23 wherein -A-A- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or -CH=CH-.

25. (new) The compound as set forth in claim 24 wherein -B-B- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or an  $\alpha$ - or  $\beta$ -oriented group:

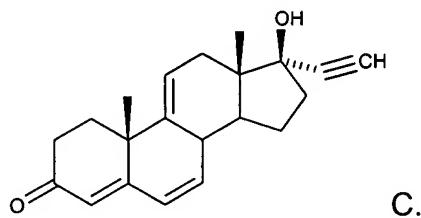


26. (new) The compound as set forth in claim 25 wherein -E-E- is -CH=CH-.

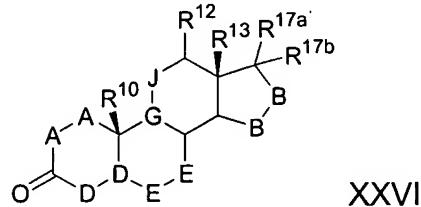
27. (new) The compound as set forth in claim 26 wherein R<sup>11</sup> is hydrogen.

28. (new). The compound as set forth in claim 22 having the structure of

Formula C



29. (new) A compound corresponding to Formula XXVI



wherein R<sup>10</sup>, R<sup>12</sup> and R<sup>13</sup>, are independently selected from the group consisting of hydrogen, halo, hydroxy, lower alkyl, lower alkoxy, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, cyano, and aryloxy;

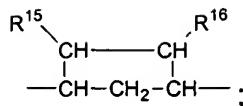
R<sup>17a</sup> is hydroxy or protected hydroxy;

R<sup>17b</sup> is alkynyl;

-A-A- represents the group -CHR<sup>1</sup>-CHR<sup>2</sup>- or -CR<sup>1</sup>=CR<sup>2</sup>-;

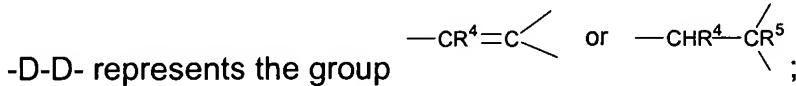
where R<sup>1</sup> and R<sup>2</sup> are independently selected from the group consisting of hydrogen, halo, hydroxy, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, cyano, and aryloxy, or R<sup>1</sup> and R<sup>2</sup> together with the carbons of the steroid nucleus to which they are attached form a (saturated) cycloalkylene group;

-B-B- represents the group -CHR<sup>15</sup>-CHR<sup>16</sup>-, -CR<sup>15</sup>=CR<sup>16</sup> or an  $\alpha$ - or  $\beta$ -oriented group:



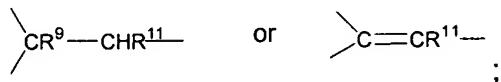
where  $\text{R}^{15}$  and  $\text{R}^{16}$  are independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, and aryloxy;

or  $\text{R}^{15}$  and  $\text{R}^{16}$ , together with the C-15 and C-16 carbons of the steroid nucleus to which they are respectively attached, form a (saturated) cycloalkylene group;



where  $\text{R}^4$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy or  $\text{R}^4$  and  $\text{R}^5$  together with the carbons of the steroid backbone to which they are attached form a cycloalkyl group;

-G-J- represents the group



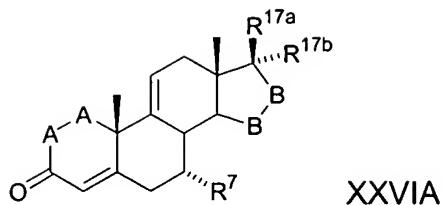
where  $\text{R}^9$  and  $\text{R}^{11}$  are independently selected from the group consisting of hydrogen, hydroxy, protected hydroxy, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy or  $\text{R}^9$  and  $\text{R}^{11}$  together form an epoxy group; and

-E-E- represents the group  $-\text{CR}^6=\text{CR}^7-$ ;

where  $\text{R}^6$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

$\text{R}^7$  is selected from the group consisting of hydrogen, halo, alkyl, cycloalkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, aryloxy, acetylthio, furyl and substituted furyl.

30. (new) A compound as set forth in claim 29 wherein the compound of Formula XXVI is a compound of Formula XXVIA:

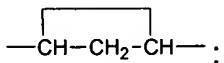


XXVIA

wherein

-A-A- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or -CH=CH-;

-B-B- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or an  $\alpha$ - or  $\beta$ -oriented group:



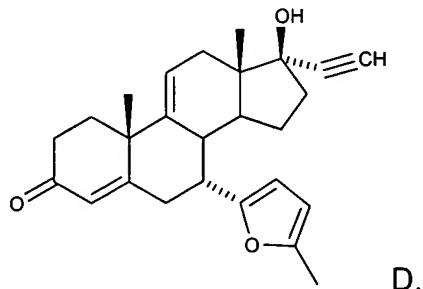
R<sup>7</sup> is selected from the group consisting of hydrogen, furyl, and alkylfuryl;

R<sup>17a</sup> is hydroxy or protected hydroxy; and

R<sup>17b</sup> is alkynyl.

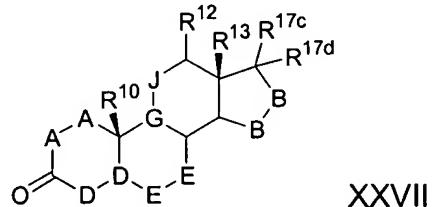
31. (new) A compound as set forth in claim 29 having the structure of Formula

D



D.

32. (new) A compound of Formula XXVII:



XXVII

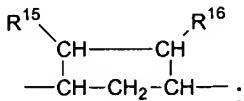
wherein:

R<sup>10</sup>, R<sup>12</sup>, and R<sup>13</sup> are independently selected from the group consisting of hydrogen, halo, hydroxy, lower alkyl, lower alkoxy, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, cyano, and aryloxy;

-A-A- represents the group -CHR<sup>1</sup>-CHR<sup>2</sup>- or -CR<sup>1</sup>=CR<sup>2</sup>-;

where  $R^1$  and  $R^2$  are independently selected from the group consisting of hydrogen, halo, hydroxy, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, cyano, and aryloxy, or  $R^1$  and  $R^2$  together with the carbons of the steroid backbone to which they are attached form a cycloalkyl group;

-B-B- represents the group  $-CHR^{15}-CHR^{16}-$  or an  $\alpha$ - or  $\beta$ -oriented group:



where  $R^{15}$  and  $R^{16}$  are independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, and aryloxy;

$R^{17c}$  is selected from the group consisting of hydroxy, protected hydroxy; and

$R^{17d}$  is alkenyl;

-D-D- represents the group  $\begin{array}{c} - CR^4 = C \\ \diagup \quad \diagdown \end{array} ;$

where  $R^4$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy or  $R^4$  and  $R^5$  together with the carbons of the steroid backbone to which they are attached form a cycloalkyl group;

-G-J- represents the group  $\begin{array}{c} > C = CR^{11} - \end{array} ;$

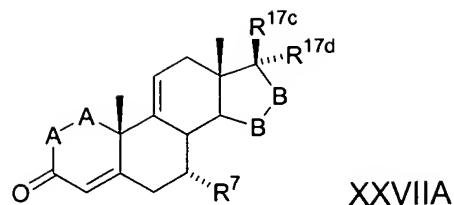
where  $R^{11}$  is selected from the group consisting of hydrogen, hydroxy, protected hydroxy, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

-E-E- represents the group  $-CR^6=CR^7-$ ;

where  $R^6$  is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano and aryloxy; and

$R^7$  is selected from the group consisting of hydrogen, halo, alkyl, cycloalkyl, alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, aryloxy, acetylthio, furyl and substituted furyl.

33. (new) A compound according to claim 32 corresponding to Formula XXVIIIA:

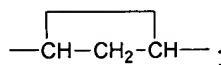


XXVIIA

wherein

-A-A- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or -CH=CH-;

-B-B- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or an  $\alpha$ - or  $\beta$ -oriented group:

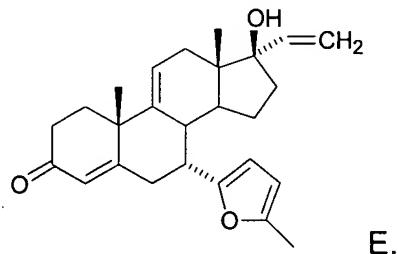


R<sup>7</sup> is selected from the group consisting of hydrogen, furyl, and alkylfuryl;

R<sup>17c</sup> is hydroxy or protected hydroxy; and

R<sup>17d</sup> is alkenyl.

34. (new) A compound according to claim 33 corresponding to Formula E:



E.